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40418 7590 05/03/2011

HEIMLICH LAW
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| | | |
|-------|-----------------|--------------------|
| FILED | Alan Heimlich | (Depositor's name) |
| via | /Alan Heimlich/ | (Signature) |
| EFS | 08/03/2011 | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/563,193 | 01/03/2006 | Ludwig Neyses | NEYSES-WO05002495US | 6484 |

TITLE OF INVENTION: USE OF PLASMA MEMBRANE CALCIUM ATPASE (PMCA) INHIBITORS FOR INHIBITING SPERM MOBILITY

1.312 Amendment entered. Title is: METHODS OF DIAGNOSING INFERTILITY BY DETECTING PMCA4 MUTATIONS

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | YES | \$755 | \$300 | \$0 | \$1055 | 08/03/2011 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-----------------------|----------|----------------|
| JEAN-LOUIS, SAMIRA JM | 1627 | 514-425000 |

| | | |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). | 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. | 1 Stacey J. Farmer, Esq. |
| <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. | <input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | 2 Alan Heimlich, Esq. |

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

N/A

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

| | |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| <input checked="" type="checkbox"/> Issue Fee | <input type="checkbox"/> A check is enclosed. |
| <input checked="" type="checkbox"/> Publication Fee (No small entity discount permitted) | <input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. Paid via EFS |
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|----------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|

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Authorized Signature Alan Heimlich Date 08/03/2011
Type or printed name Alan Heimlich Registration No. 48808

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